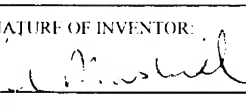
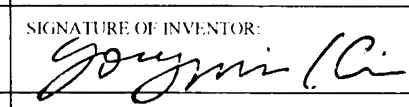
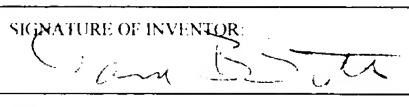


APPLICATION FOR UNITED STATES PATENT

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: Memory Cell With Transistors Having Relatively High Threshold Voltages In Response To Selective Gate Doping		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Jacqueline J. Garner, Reg. No. 36,144; Mark A. Valetti, Reg. No. 36207; Wade James Brady III, Reg. No. 32,080; Frederick J. Telecky, Jr., Reg. No. 29,979; William B. Kempler, Reg. No. 28,228		
SEND CORRESPONDENCE TO: Jacqueline J. Garner, Esq. Texas Instruments Incorporated P. O. Box 655474, MS 3999 Dallas, Texas 75265		DIRECT TELEPHONE CALLS TO: Jacqueline J. Garner, Esq. Phone Number: (972) 278-9694 Fax Number: (972) 271-1176
NAME OF INVENTOR: (1) Andrew (NMI) Marshall	NAME OF INVENTOR: (2) Youngmin (NMI) Kim	NAME OF INVENTOR: (3) David B. Scott
RESIDENCE & POST OFFICE ADDRESS: 9501 Windy Knoll Drive Dallas, Texas 75243	RESIDENCE & POST OFFICE ADDRESS: 1422 Lone Star Court Allen, Texas 75013	RESIDENCE & POST OFFICE ADDRESS: 4524 Cleveland drive Plano, Texas 75093
COUNTRY OF CITIZENSHIP: United Kingdom	COUNTRY OF CITIZENSHIP: Korea	COUNTRY OF CITIZENSHIP: United States Of America
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 
DATE: 12/14/00	DATE: 12/18/00	DATE: Dec 8, 2000

ATTORNEY'S DOCKET NO.

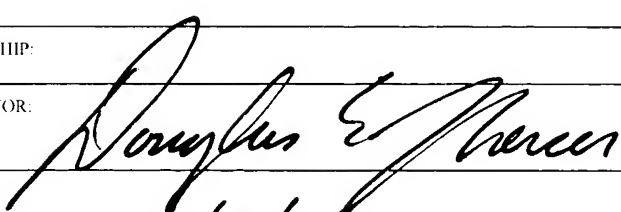
TI-31157

APPLICATION FOR UNITED STATES PATENT

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

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NAME OF INVENTOR: (4) Douglas E. Mercer	
RESIDENCE & POST OFFICE ADDRESS: 507 Shadywood Lane Richardson, Texas 75080	
COUNTRY OF CITIZENSHIP: United States Of America	
SIGNATURE OF INVENTOR: 	
DATE: 12/19/00	